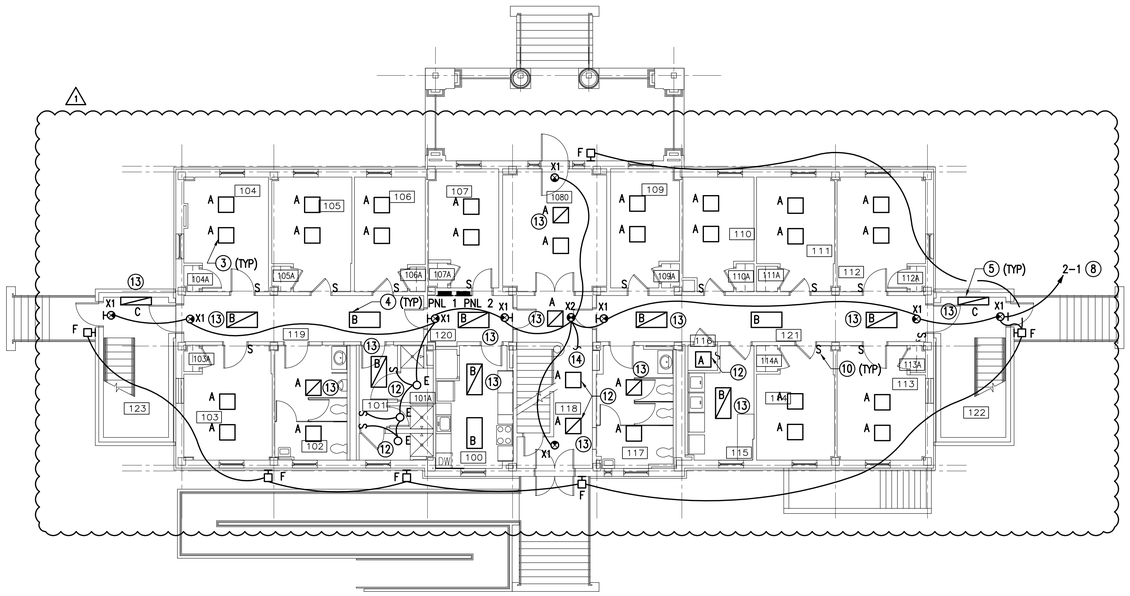
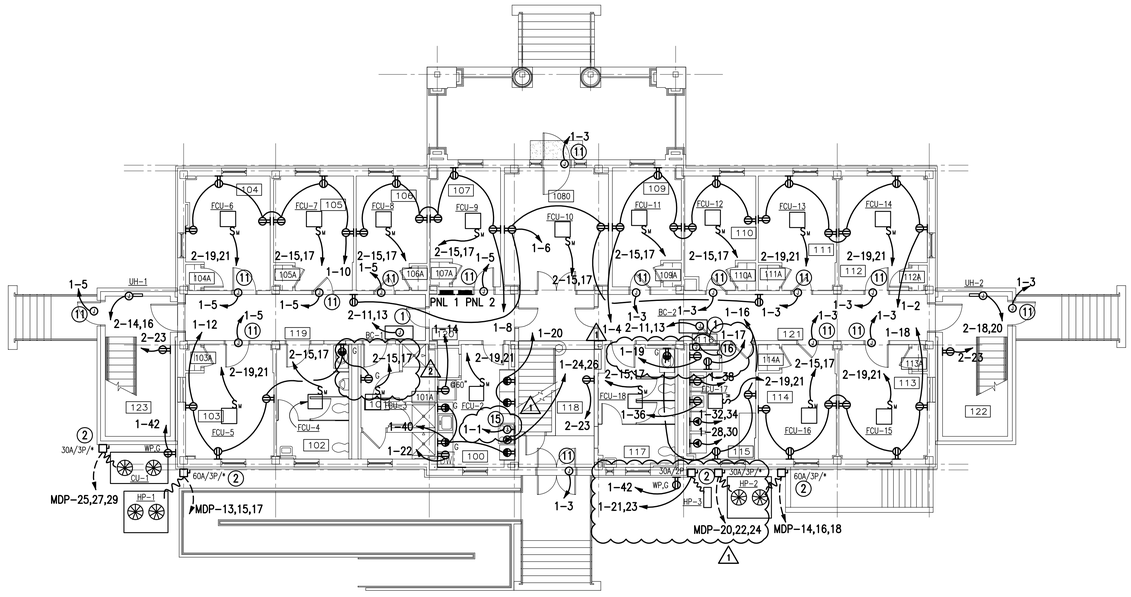
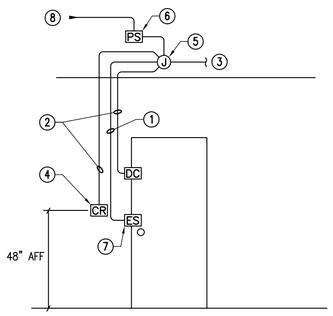


FIRST FLOOR
NEW WORK PLAN – LIGHTING
SCALE: 1/8" = 1'-0"



FIRST FLOOR
NEW WORK PLAN – POWER
SCALE: 1/8" = 1'-0"



ACCESS DOOR CONTROL DIAGRAM
SCALE: NONE

GENERAL NOTES:

1. LIGHTING FIXTURE SCHEDULE IS SHOWN ON SHEET E601.
2. POE LIGHTING ENGINES ARE IN SECOND FLOOR CLOSET 222 IN ROOM 208.
3. CHANNEL EXISTING WALLS FOR NEW DEVICES. EXPOSED RACEWAY IS NOT ALLOWED.
4. THIS BID ALTERNATE INCLUDES DELETING THE POWER OVER ETHERNET LIGHTING CONTROLS AND PROVIDING STANDARD LIGHTING, CIRCUITING AND SWITCHES. DELETE ALL LIGHTING CONTROL EQUIPMENT SHOWN IN ROOM 222. DELETE THREE 208 VOLT RECEPTACLES IN ROOM 222 AND THE ASSOCIATED CIRCUIT, BREAKERS SHALL REMAIN AND BE LABELED SPARE. DELETE ALL CAT 6 LIGHTING CONTROL WIRING TO FIXTURE TYPE A, B, C AND D. DELETE ALL SENSORS ADJACENT EACH FIXTURE TYPE A, B, C AND D. SUBSTITUTE ALTERNATE FIXTURE AS SHOWN IN THE FIXTURE SCHEDULE FOR FIXTURE TYPE A, B, C AND D. SWITCHES SHALL REMAIN AS SHOWN ON THE DRAWINGS. IN SPACES WITHOUT SWITCHES, PROVIDE WALL MOUNTED OCCUPANCY SENSORS. BASIS OF DESIGN FOR OCCUPANCY SENSOR IS WATT STOPPER DSW 301. ALL EXIT AND EGRESS FIXTURES SHALL BE UNSWITCHED. PROVIDE THREE WAY SWITCHING IN CORRIDORS. PROVIDE ONE 20 AMP BRANCH CIRCUIT (2#12,#12G;1/2"C.) FOR ALL TYPE A, B, C AND D FIXTURES ON THE BASEMENT FLOOR FROM A SPARE BREAKER IN PANEL 1. PROVIDE ONE 20 AMP BRANCH CIRCUIT (2#12,#12G;1/2"C.) FOR ALL TYPE A, B, C AND D FIXTURES ON THE FIRST FLOOR FROM A SPARE BREAKER IN PANEL 1. PROVIDE ONE 20 AMP BRANCH CIRCUIT (2#12,#12G;1/2"C.) FOR ALL TYPE A, B, C AND D FIXTURES ON THE SECOND FLOOR FROM A SPARE BREAKER IN PANEL 3. PROVIDE ONE 20 AMP BRANCH CIRCUIT (2#12,#12G;1/2"C.) FOR ALL TYPE A, B, C AND D FIXTURES ON THE ATTIC FLOOR FROM A SPARE BREAKER IN PANEL 3.

NEW WORK NOTES:
(THIS SHEET ONLY)

1. PROVIDE JUNCTION BOX ABOVE CEILING FOR MECHANICAL CONTROLLERS BC-1 AND BC-2.
2. PROVIDE POE LIGHTING CONTROL SYSTEM EQUIPMENT ON 19" EIA 30V HEAVY DUTY FOUR POST OPEN EQUIPMENT RACK WITH CASTERS. PROVIDE VERTICAL AND HORIZONTAL WIRE MANAGEMENT. SEE SCHEMATIC DIAGRAM SHEET E601. PROVIDE ENOUGH SLACK IN ALL THE CABLES FOR THE RACK TO BE ROLLED OUT OF THE CLOSET FOR SERVICING.
3. 2x2 LED LIGHT FIXTURE EQUIPPED TO OPERATE WITH POE LIGHTING SYSTEM. PROVIDE LOW VOLTAGE CABLING FROM LIGHT FIXTURE TO SENSOR AND TO ENGINE UNIT.
4. 2x4 LED LIGHT FIXTURE EQUIPPED TO OPERATE WITH POE LIGHTING SYSTEM. PROVIDE LOW VOLTAGE CABLING FROM LIGHT FIXTURE TO SENSOR AND TO ENGINE UNIT.
5. LED LIGHT FIXTURE EQUIPPED TO OPERATE WITH POE LIGHTING SYSTEM. PROVIDE LOW VOLTAGE CABLING FROM LIGHT FIXTURE TO SENSOR AND TO ENGINE UNIT.
6. OMITTED.
7. OMITTED.
8. THESE FIXTURES ARE TO NOT TO BE CONNECTED TO POE LIGHTING SYSTEM.
9. OMITTED.
10. ROOM WALL SWITCH SHALL CONNECT TO POE SENSOR TO PROVIDE MANUAL ON/OFF.
11. PROVIDE 120 VOLT CIRCUIT FOR DOOR STRIKE AND CONNECT TO PANEL 1. RUN 3 #12 WIRES IN 1/2" C. REFER TO DETAIL, THIS SHEET.
12. PROVIDE WITH DRYWALL GRID ADAPTER FOR INSTALLATION IN HARD CEILING.
13. EGRESS FIXTURE SHALL BE CONNECTED TO ENGINE SUPPORTED BY UPS.
14. DOWN TO EXIT LIGHT IN BASEMENT.
15. PROVIDE CONNECTION TO HOOD LIGHT JUNCTION BOX. LIGHT SWITCH IS INTEGRAL TO HOOD KH-1.
16. 4#12THHN IN 3/4" CONDUIT TO OUTDOOR UNIT HP-3.

NOTES:
(FOR ACCESS CONTROL DIAGRAM ONLY)

1. PROVIDE 3/4" CONDUIT CONNECTION INTO DOOR FRAME.
2. PROVIDE 3/4" CONDUIT TO JUNCTION BOX ABOVE ACCESSIBLE CEILING.
3. TO DOOR ACCESS SYSTEM CONTROL PANEL.
4. CARD READER WHERE INDICATED ON PLANS.
5. JUNCTION BOX ABOVE ACCESSIBLE CEILING NEAR CONTROLLED DOOR.
6. LOCAL POWER SUPPLY FOR ELECTRONIC DOOR HARDWARE ABOVE ACCESSIBLE CEILING NEAR CONTROLLED DOOR.
7. ELECTRIC STRIKE DOOR LOCK
8. 120V BRANCH CIRCUIT CONNECTION AS INDICATED.

FINAL SUBMITTAL

GENERAL REVISIONS 1	10/14/15
Revisions:	Date

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Drawing Title: FIRST FLOOR NEW WORK PLAN – ELECTRICAL
Approved: Project Director

Project Title: RENOVATE BUILDING 17 VA SALEM
Location: SALEM, VA
Date: 03-18-2015 | Checked: RBP | Drawn: SJB

Project Number: 658-13-120
Building Number: 17
Drawing Number: 2573
E102
Dwg. of

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